

SP-SSD

Solar Speed Detection Specifications



Why us?

Innovative Technology

High-efficiency solar and advanced LEDs deliver superior performance, long life, and maximum ROI.

Photometric

We conduct photometric measurements on all our products to ensure optimal performance and compliance with industry standards

Versatile Lighting

We design and install solar-powered lighting systems tailored for all kinds of locations such as streets, parks, pathways, homes, etc.

Global Reach

Worldwide success proves our adaptability and regulatory expertise.

Sustainable Savings

These solutions enhance safety, promote sustainability and provide significant energy and cost savings.

Warranty

SolarPath is dedicated to delivering architectural and commercial-grade solar lighting that can be customized to meet specific client requests, both in technical specifications and aesthetic design, ensuring a perfect fit for a diverse range of needs.

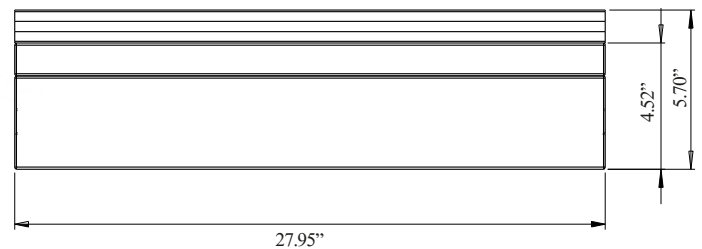
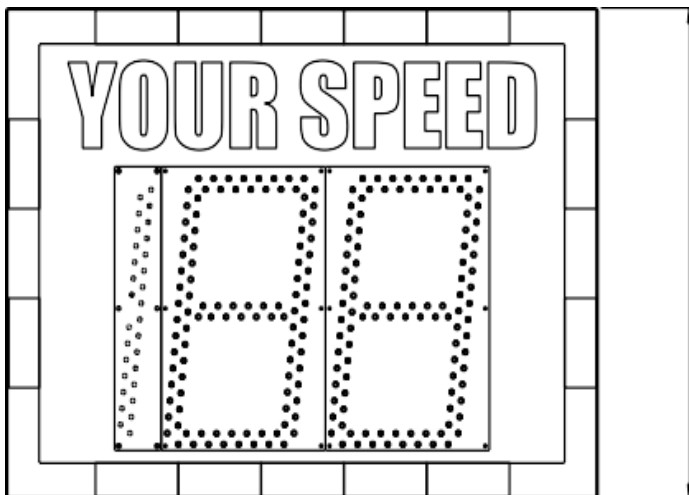


SP-SSD is a solar powered speed meter system developed to inform drivers of their actual speed. It have a CW Doppler Radar that detects vehicles up to 199Km/h(123Miles/H). Has a range of detection up to 180M/590Ft and can detect multiple vehicles as well



Technical Specifications

Electrical Features	
Technology	CW Doppler Radar
Frequency	K-Band 24GHz
Detection Distance	Up to 180m/590Ft
Installation Height	2-5m/6.5' - 16.4'
Detection Speed	16Km/h – 199Km/h (9Miles/h – 123Miles)
Electrical Characteristics	
Power	12V DC
Optical Characteristics	
Detection Speed	240 LEDs (One color); 480 LEDs (Two colors)
LED's Type	CREE 5mm/0.19"
LED's Colors	Amber
Viewing angle	30°
LED's Brightness Intensity	5860 mcd; Max.: 8200 mcd



Features

- Solar or Electrical powered system;
- Automatic adjust of brightness on transition between day/night.
- High brightness LEDs;
- Constant current drivers to maximize the life time of the LEDs;
- LEDs protected by polycarbonate window;
- Low maintenance;
- Multiple detections per vehicle;
- Configuration interface independent of the system;
- Low power consumption;
- High reflective 3M vinyl;
- Easy installation;
- Configurable:
- Adjustable minimum and maximum speed of detection;
- Adjustable brightness for day and night;
- Adjustable visualization time;
- Adjustable night detection;

SOLAR STREET LIGHT

USES AND APPLICATIONS GUIDE

Collecting traffic statistics	
-------------------------------	--

Legal Clarification: All technical information and/or products listings and/or technical support, and/or any kind of graphics, illustrations and/or instructions and/or the names, trade names, trademarks, trade symbols, service marks, logos, icons and trade dress of SolarPath Inc or in connection to SolarPath Inc or any of its selling products, contained herein is in the exclusive ownership of SolarPath Inc and may not be alternated and/or used in any manner including but not limited to copy of some or all of the said material by users and/or viewers or any third party for that matter of this document and the website to which it is linked without the express prior written permission of SolarPath Inc. Furthermore, redistribution or any kind of commercial use or alternation or any kind of use other than downloading presented information in some or all contents of downloadable documents, and/or downloadable contents, is strictly prohibited without express written prior permission. All information set out herein is subject to changes as may occur from time to time. SolarPath Inc is not responsible for, and cannot guarantee and shall not be held liable for any information or the accuracy of such in websites that it does not manage



Contact us



+1.201.490.4499

Toll free: 1.888.333.SOLAR (7652)



contact@solarpathusa.com



www.solarpathusa.com